

**COMPLETE LISTING OF CLAIMS,**  
**INCORPORATING AMENDMENTS**  
**IN RESPONSE TO OFFICE ACTION DATED 11/3/2006**  
**FOR SERIAL NO. 10/817,413**

1-16. (Cancelled)

17. (Previously amended) ~~The self-cleaning window assembly as set forth in claim 14~~

A self-cleaning window assembly comprising:

- a) a transparent base layer having an inner and outer surface;
- b) a catalytic material attached to said transparent base layer, wherein said catalytic material is selected from a group consisting of: gold, silver, platinum or a zeolite; and
- c) an oxygen conducting material integral with said transparent base layer.

18. (Previously amended) The self-cleaning window assembly as set forth in claim 14, 17, wherein said catalytic material is comprised of zeolites.

19.-24. (Cancelled)

25. (Previously amended) ~~The self-cleaning window assembly as set forth in claim 22,~~

A self-cleaning window assembly comprising:

- a) a transparent base layer having an inner and outer surface;
- b) a catalytic material attached to said transparent base layer, wherein said catalytic material is selected from a group consisting of gold, silver, platinum or a zeolite;

- c) a means for heating attached to said transparent base layer; and
- d) an oxygen conducting material integral with said transparent base.

26. (Previously amended) The self-cleaning window assembly as set forth in claim 22, 25 wherein said catalytic material is comprised of zeolites.

27.-48. (Cancelled)

49. (Previously amended) ~~The self-cleaning window assembly as set forth in claim 48,~~

A self-cleaning window assembly comprising:

- a) a transparent base layer, comprised of an oxygen conducting material, said transparent base layer having an inner and outer surface wherein said transparent base layer is selected from a group consisting of: quartz, zirconia, silica, alumina, and titania; and
- b) a catalytic/heat transfer material, such as zirconia, attached to said transparent base layer.

50-56. (Cancelled)

57. (Previously amended) ~~The self-cleaning window assembly as set forth in claim 56,~~

A self-cleaning window assembly comprising:

- a) a transparent base layer, comprised of a heat transfer material, said transparent base layer having an inner and outer surface;

- b) a catalytic material attached to said transparent base layer, wherein said catalytic material is selected from a group consisting of: gold, silver, platinum or a zeolite; and
- c) an oxygen conducting material integral with said transparent base layer.

58. (Previously amended) The self-cleaning window assembly as set forth in claim ~~56~~, 57 wherein said catalytic material is comprised of zeolites.

59-60. (Cancelled)

61. (Previously amended) ~~The self-cleaning window assembly as set forth in claim 60;~~

A self-cleaning window assembly comprising:

- a) a transparent base layer, comprised of a heat transfer material which also conducts oxygen, said transparent base layer having an inner and outer surface; and
- b) a catalytic material integral with said transparent base layer, wherein said catalytic material is selected from a group consisting of: gold, silver, platinum or a zeolite.

62. (Previously amended) The self-cleaning window assembly as set forth in claim ~~60~~, 61 wherein said catalytic material is comprised of zeolites.

63. (Cancelled)